




1. A detachable trolley and mop bucket combination comprising a mop bucket supported by wheels thereon and movable over a floor surface and a trolley having a frame adapted for carrying cleaning supplies, the trolley supported by wheels thereon for moving over a floor surface, the trolley and the bucket separately and independently movable and having a connection between them for selective attachment to securely connect the mop bucket to the trolley so that the combined trolley and bucket can be easily maneuvered by one person.




~~2. The detachable trolley and bucket combination set forth in Claim 1 wherein the trolley has spaced front legs terminating in wheels and forming a recess therebetween with the mop bucket sized to fit at least a portion of the mop bucket within the recess so as to nest between said spaced front legs.~~


3. The detachable trolley and bucket combination set forth in Claim 2 wherein the bucket is supported on front and rear pairs of outrigger legs with the wheels mounted at ends of the legs, and the outrigger legs fit within the trolley recess.

4. The detachable trolley and bucket combination set forth in Claim 3 wherein a connection mechanism extends between the spaced front legs of the trolley and the outrigger legs of the bucket received within the trolley recess.

5. The detachable trolley and bucket combination set forth in Claim 4 wherein the connection mechanism consists of pairs of arms that engage the outrigger legs of the bucket, the

outrigger legs being angled and the engaging arms being shaped to match the angles of the outrigger legs, the engaging arms being biased to an engagement position by a return spring and having a portion for contact with a person's foot so that a person may press downwardly upon the arm portion and disengage the arms from connection with the outrigger legs in order to remove the bucket.

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6. A detachable trolley and bucket combination comprising:
- a) a mop bucket having front and rear pairs of outrigger legs terminating in wheels for independent movement of the bucket over a floor surface; the outrigger legs having inwardly angled faces joining the bucket;
 - b) a utility trolley adapted for carrying cleaning supplies and having a frame supported by front and rear legs terminating in wheels for independent movement of the trolley over a floor surface, the front legs being spaced a distance accommodating positioning of at least a portion of the mop bucket therebetween;
 - c) a connection mechanism between the front of the trolley and the mop bucket and including engaging arms associated with the trolley front legs and configured to selectively grasp one of the pairs of bucket outrigger legs, the engaging legs being biased to an engagement position and having a portion for contact with a person's foot so that said engaging legs release the outrigger legs upon application of foot pressure, wherein the bucket may be selectively joined to the trolley and wheeled about as a unit.

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7. A detachable trolley and mop bucket combination comprising a mop bucket having wheels thereon and movable over a floor surface and a trolley having a frame adapted for carrying cleaning supplies, the trolley having wheels thereon for moving over a floor surface, the trolley and the bucket separately and independently movable and having a connection between them for selective attachment to securely connect the mop bucket to the trolley so that the combined trolley and bucket can be easily maneuvered by one person; the trolley having spaced front legs terminating in wheels and forming a recess therebetween with the mop bucket sized to fit at least a portion of the mop bucket within the recess; the bucket being supported on front and rear pairs of outrigger legs with the wheels mounted at ends of the legs, and the outrigger legs fitting within the trolley recess; a connection mechanism extending between the spaced front legs of the trolley and the outrigger legs of the bucket received within the trolley recess; the connection mechanism consisting of a pair of arms that engage the outrigger legs of the bucket, the outrigger legs being angled and the engaging arms being shaped to match the angles of the outrigger legs, the engaging arms being biased to an engagement position by a return spring and having a portion for contact with a person's foot so that a person may press downwardly upon the arm portion and disengage the arms from connection with the outrigger legs in order to remove the bucket.

8. A detachable trolley and mop bucket combination comprising a mop bucket supported by wheels thereon and movable over a floor surface and a trolley having

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a frame adapted for carrying cleaning supplies, the trolley supported by wheels thereon for moving over a floor surface, the trolley and the bucket separately and independently movable and having a connection between them for selective attachment to securely connect the mop bucket to the trolley so that the combined trolley and bucket can be easily maneuvered by one person, the trolley having spaced front wheels and forming a receiving area therebetween with the mop bucket sized to nest at least a portion of the mop bucket within said recess and between said front wheels.
